

FILE 'CAPLUS' ENTERED AT 15:26:36 ON 17 MAR 2009  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 15:26:36 ON 17 MAR 2009

FILE 'BIOSIS' ENTERED AT 15:26:36 ON 17 MAR 2009  
Copyright (c) 2009 The Thomson Corporation

```
=> s ((glaucoma(3A)filtration(3A)surgery) or trabeculectomy)
L1      7208 ((GLAUCOMA(3A) FILTRATION(3A) SURGERY) OR TRABECULECTOMY)

=> s L1 (P) dexamethasone
L2      20 L1 (P) DEXAMETHASONE

=> s L2 (P) (PLGA or (polylactic(3A)acid(2A)co(2A)glycolide))
L3      0 L2 (P) (PLGA OR (POLYLACTIC(3A) ACID(2A) CO(2A) GLYCOLIDE))

=> dup rem L2
PROCESSING COMPLETED FOR L2
L4      15 DUP REM L2 (5 DUPLICATES REMOVED)

=> s L4 NOT pd>19950602
L5      5 L4 NOT PD>19950602

=> d L5 1-5 TI AB IBIB
```

```
L5      ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2009 ACS on STN
TI      Glucocorticoid target cells in human outflow pathway:  autopsy and
        surgical specimens
AB      Target cells for glucocorticoids were found in trabeculectomy
        specimens obtained surgically from humans with glaucoma (primary and
        secondary) and from nonglaucomatous autopsy eyes using an autoradiog.
        technique.  Specific nuclear localization of [3H]dexamethasone
        was found in cells of the trabecular meshwork, scleral fibroblasts, and in
        the endothelial lining of both Schlemm's canal and the outflow vessels.
        Glucocorticoids may alter the outflow facility by a direct effect on the
        metab. of these cells.  The autoradiog. method is suitable for studying
        competitors of glucocorticoid binding in small surgical specimens of human
        tissue involved in the outflow of aq. humor.  The data are discussed with
        respect to the pathogenesis and treatment of primary open angle glaucoma.
```

```
ACCESSION NUMBER:      1984:66157  CAPLUS
DOCUMENT NUMBER:       100:66157
ORIGINAL REFERENCE NO.: 100:10065a,10068a
TITLE:                 Glucocorticoid target cells in human outflow pathway:
                        autopsy and surgical specimens
AUTHOR(S):             Hernandez, M. Rosario; Wenk, Eugene J.; Weinstein,
                        Bernard I.; Abumohor, Patricia; Podos, Steven M.;
                        Dunn, Michael W.; Southren, A. Louis
CORPORATE SOURCE:      Dep. Ophthalmol., Med. Anat. New York Med. Coll.,
                        Valhalla, NY, 10595, USA
SOURCE:                Investigative Ophthalmology & Visual Science (1983),
                        24(12), 1612-16
                        CODEN: IOVSDA; ISSN: 0146-0404
DOCUMENT TYPE:         Journal
LANGUAGE:              English
```

```
L5      ANSWER 2 OF 5      MEDLINE on STN
TI      [Naclof and dexamethasone in topical application after
        trabeculectomy].
```

Naclof i deksametazon w miejscowym stosowaniu po trabekulektomii.  
AB Evaluated was the topically applied solution of natrium salt of diclofenac--Naclof (22 eyes) and a 0.1% solution of dexamethasone phosphate (23 eyes) on the healing of postoperative wounds after trabeculectomy in a clinical examination in patients with simple glaucoma. After the filtering operation the authors observed in the group of patients treated by dexamethasone a longer and more pronounced flattening of the anterior chamber (up to 14 days) a greater hypotensive effect and a more increased facility of the outflow (in an observation period of 6 months). In the case of a considerable flattening of the anterior chamber after trabeculectomy application of Naclof gives a better prognosis than of dexamethasone.  
ACCESSION NUMBER: 1993316542 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 1306537  
TITLE: [Naclof and dexamethasone in topical application after trabeculectomy].  
Naclof i deksametazon w miejscowym stosowaniu po trabekulektomii.  
AUTHOR: Szymanski A; Sobieraj A; Brozyna-Zylka B; Otrzonsek D  
CORPORATE SOURCE: Kliniki Okulistycznej Slaskiej Akademii Medycznej, Katowicach.  
SOURCE: Klinika oczna, (1992 Oct) Vol. 94, No. 10, pp. 292-3.  
Journal code: 0376614. ISSN: 0023-2157.  
PUB. COUNTRY: Poland  
DOCUMENT TYPE: (ENGLISH ABSTRACT)  
Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: Polish  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199308  
ENTRY DATE: Entered STN: 20 Aug 1993  
Last Updated on STN: 20 Aug 1993  
Entered Medline: 11 Aug 1993

L5 ANSWER 3 OF 5 MEDLINE on STN  
TI Potentiation of collagen synthesis in explants of the rabbit eye by 5 beta-dihydrocortisol.  
AB The biologic effect of 5 beta-dihydrocortisol on collagen synthesis was evaluated. The metabolite was found to potentiate subthreshold levels of dexamethasone in increasing 3H-proline incorporation in cells of the outflow region of the rabbit. Digestion of the tissue with highly purified collagenase indicated that the 3H-proline was incorporated into collagen type protein. This study demonstrates another biologic activity of 5 beta-dihydrocortisol, a metabolite found to accumulate in cells cultured from trabeculectomy specimens from patients with primary open angle glaucoma.  
ACCESSION NUMBER: 1987082664 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 3793407  
TITLE: Potentiation of collagen synthesis in explants of the rabbit eye by 5 beta-dihydrocortisol.  
AUTHOR: Southren A L; Hernandez M R; l'Hommedieu D; Gordon G G; Weinstein B I  
CONTRACT NUMBER: EY01313 (United States NEI NIH HHS)  
SOURCE: Investigative ophthalmology & visual science, (1986 Dec) Vol. 27, No. 12, pp. 1757-60.  
Journal code: 7703701. ISSN: 0146-0404.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: (IN VITRO)  
Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals

ENTRY MONTH: 198701  
ENTRY DATE: Entered STN: 2 Mar 1990  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 27 Jan 1987

L5 ANSWER 4 OF 5 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN  
TI THE EFFECT OF STEROIDS AND NON-STEROIDAL ANTI-INFLAMMATORY AGENTS ON  
PROLIFERATION OF HUMAN OCULAR FIBROBLASTS.  
ACCESSION NUMBER: 1991:262911 BIOSIS  
DOCUMENT NUMBER: PREV199140125791; BR40:125791  
TITLE: THE EFFECT OF STEROIDS AND NON-STEROIDAL ANTI-INFLAMMATORY  
AGENTS ON PROLIFERATION OF HUMAN OCULAR FIBROBLASTS.  
AUTHOR(S): NYGUYEN K [Reprint author]; KITADA S; SHAPOURIFAR-TEHRANI  
S; LEE D A; BANSAL V  
CORPORATE SOURCE: DEP OPHTHALMOL, JSEI, UCLA SCH MED, 100 STEIN PLAZA, LOS  
ANGELES, CALIF 90024-7004, USA  
SOURCE: Investigative Ophthalmology and Visual Science, (1991) Vol.  
32, No. 4, pp. 1121.  
Meeting Info.: ANNUAL SPRING MEETING OF THE ASSOCIATION FOR  
RESEARCH IN VISION AND OPHTHALMOLOGY, SARASOTA, FLORIDA,  
USA, APRIL 28-MAY 3, 1991. INVEST OPHTHALMOL VISUAL SCI.  
CODEN: IOVSDA. ISSN: 0146-0404.  
DOCUMENT TYPE: Conference; (Meeting)  
FILE SEGMENT: BR  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 5 Jun 1991  
Last Updated on STN: 6 Jun 1991

L5 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN  
TI FILTERING BLEB ENCAPSULATION INCREASED BY STEROID INJECTION.  
ACCESSION NUMBER: 1989:347894 BIOSIS  
DOCUMENT NUMBER: PREV198937038991; BR37:38991  
TITLE: FILTERING BLEB ENCAPSULATION INCREASED BY STEROID  
INJECTION.  
AUTHOR(S): LOFTFIELD K [Reprint author]; BALL S F  
CORPORATE SOURCE: LSU EYE CENT AND OCHSNER CLINIC, NEW ORLEANS, LA, USA  
SOURCE: Investigative Ophthalmology and Visual Science, (1989) Vol.  
30, No. 3 SUPPL, pp. 416.  
Meeting Info.: ANNUAL SPRING MEETING OF THE ASSOCIATION FOR  
RESEARCH IN VISION AND OPHTHALMOLOGY, SARASOTA, FLORIDA,  
USA, APRIL 30-MAY 5, 1989. INVEST OPHTHALMOL VISUAL SCI.  
CODEN: IOVSDA. ISSN: 0146-0404.  
DOCUMENT TYPE: Conference; (Meeting)  
FILE SEGMENT: BR  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 25 Jul 1989  
Last Updated on STN: 29 Jul 1989

=> FIL STNGUIDE  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
35.80	38.44

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.82	-0.82

CA SUBSCRIBER PRICE

FILE 'STNGUIDE' ENTERED AT 15:29:52 ON 17 MAR 2009  
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Mar 13, 2009 (20090313/UP).

=> file caplus, medline, biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.07	38.51
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

FILE 'CAPLUS' ENTERED AT 15:30:27 ON 17 MAR 2009  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 15:30:27 ON 17 MAR 2009

FILE 'BIOSIS' ENTERED AT 15:30:27 ON 17 MAR 2009  
Copyright (c) 2009 The Thomson Corporation

=> d his

(FILE 'HOME' ENTERED AT 15:19:40 ON 17 MAR 2009)

FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 15:26:36 ON 17 MAR 2009

```
L1      7208 S ((GLAUCOMA(3A)FILTRATION(3A)SURGERY) OR TRABECULECTOMY)
L2      20 S L1 (P) DEXAMETHASONE
L3      0 S L2 (P) (PLGA OR (POLYLACTIC(3A)ACID(2A)CO(2A)GLYCOLIDE))
L4      15 DUP REM L2 (5 DUPLICATES REMOVED)
L5      5 S L4 NOT PD>19950602
```

FILE 'STNGUIDE' ENTERED AT 15:29:52 ON 17 MAR 2009

FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 15:30:27 ON 17 MAR 2009

```
=> s L1 (P) (PLGA or (polylactic(3A)acid(2A)co(2A)glycolide))
L6      2 L1 (P) (PLGA OR (POLYLACTIC(3A) ACID(2A) CO(2A) GLYCOLIDE))
```

=> dup rem L6

PROCESSING COMPLETED FOR L6

```
L7      2 DUP REM L6 (0 DUPLICATES REMOVED)
```

=> s L7 NOT pd>19950602

```
L8      0 L7 NOT PD>19950602
```

=> s ((ocular or ophthalmol?)(W) implant?)

```
L9      306 ((OCULAR OR OPHTHALMOL?)(W) IMPLANT?)
```

=> s L9 (P) (dexamethasone or PLGA)

```
L10     6 L9 (P) (DEXAMETHASONE OR PLGA)
```

=> dup rem L10

PROCESSING COMPLETED FOR L10

```
L11     6 DUP REM L10 (0 DUPLICATES REMOVED)
```

=> s L11 NOT pd>19950602

```
L12     0 L11 NOT PD>19950602
```

=> d his

(FILE 'HOME' ENTERED AT 15:19:40 ON 17 MAR 2009)

FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 15:26:36 ON 17 MAR 2009

L1 7208 S ((GLAUCOMA(3A)FILTRATION(3A)SURGERY) OR TRABECULECTOMY)  
L2 20 S L1 (P) DEXAMETHASONE  
L3 0 S L2 (P) (PLGA OR (POLYLACTIC(3A)ACID(2A)CO(2A)GLYCOLIDE))  
L4 15 DUP REM L2 (5 DUPLICATES REMOVED)  
L5 5 S L4 NOT PD>19950602

FILE 'STNGUIDE' ENTERED AT 15:29:52 ON 17 MAR 2009

FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 15:30:27 ON 17 MAR 2009

L6 2 S L1 (P) (PLGA OR (POLYLACTIC(3A)ACID(2A)CO(2A)GLYCOLIDE))  
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)  
L8 0 S L7 NOT PD>19950602  
L9 306 S ((OCULAR OR OPHTHALMOL?)(W) IMPLANT?)  
L10 6 S L9 (P) (DEXAMETHASONE OR PLGA)  
L11 6 DUP REM L10 (0 DUPLICATES REMOVED)  
L12 0 S L11 NOT PD>19950602